



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: Delfasco Forge

CERCLIS ID#: TXD988034328

Alias Site Name: NA

Address: 114 NE 28th Street

City/County or Parish/State/Zip: Grand Prairie/Dallas County/Texas/75050

Report Type: Site Inspection

Date: July 16, 2009

Author: START - Dynamac Corp.

RECOMMENDATION:

<input checked="" type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP)	<input type="checkbox"/> 2. Further Investigation Needed Under Superfund												
	<table><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td><input type="checkbox"/> Other:</td><td></td><td></td></tr></table>	<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High	<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low	<input type="checkbox"/> ESI	<input type="checkbox"/> RA		<input type="checkbox"/> Other:		
<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High											
<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low											
<input type="checkbox"/> ESI	<input type="checkbox"/> RA												
<input type="checkbox"/> Other:													
<input checked="" type="checkbox"/> 3. Action Deferred to: <input checked="" type="checkbox"/> RCRA <input type="checkbox"/> NRC													
<input type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input type="checkbox"/> Yes <input type="checkbox"/> No													

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State/Tribe	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee:
<input type="checkbox"/> CERCLA	<input type="checkbox"/> Federal	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other:
Enforcement	Facility			

SEND SSSR COPIES TO: ☐ 6SF-AC ☐ 6WQ-SP ☐ ATSDR ☒ State Agency ☐ Tribal Agency

DISCUSSION:

The Delfasco Forge site is located at 114 NE 28th Street in Grand Prairie, Dallas County, Texas. The 1.10-acre property comprises lots 100A and 101A of the Burbank Garden Subdivision. The coordinates of the site are 32.7504 north latitude, 96.9631 west longitude. There are two buildings on the site. One building housed offices and the forge shop. The second building contained the machine shop. The majority of the remaining lot consists of asphalt or concrete parking areas. The site is fenced on all sides where buildings are not present. The area around the site consists of commercial and light industry to the south along Main Street, and residential to the north, east and west. Fannin Elementary School is located northwest of the site.

Delfasco Forge was listed as a RCRA Small Quantity Generator from 1991 until 2003. Soil and groundwater contamination was originally noted in September 2002 during a Phase II environmental property assessment regarding a property transaction. Delfasco Forge submitted an application to the Texas Commission on Environmental Quality (TCEQ) for entry into the Voluntary Cleanup Program (VCP) on March 4, 2003, noting the presence of contaminated groundwater at the facility. Investigations conducted at the site under the VCP identified a plume of contaminated groundwater originating at the facility. The plume of contaminated groundwater encompasses approximately 65 acres and extends to the northeast. The plume extends for approximately 2,650 feet, and is up to 1,100 feet wide at the widest point. On October 31, 2006, Delfasco applied for a Municipal Setting Designation (MSD) with the City of Grand Prairie. Contaminants of concern identified in the groundwater include trichloroethene (TCE), tetrachloroethene (PCE), 1,2-dichloroethene (1,2-DCE), and 1,1-dichloroethene (1,1-DCE). In 2006, concentrations of contaminants in the plume ranged from over 1.0 to 8,000 µg/L.


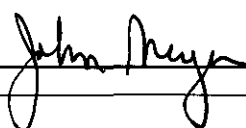


During the Site Inspection (SI), ground water samples from 12 monitoring wells were collected and analyzed. Results of the analysis indicate TCE concentrations ranged from less than 0.5 to 1,500 µg/L. Historical surveys for groundwater use identified 16 private, residential wells within 0.5 miles of the site and the resultant contaminate plume. These wells are generally completed in the alluvial aquifer. Three of the wells are located in the contaminant plume. No residential well is used for drinking water, although some wells may be used for irrigation. All residences in the area are supplied with drinking water by the City of Grand Prairie.

Eighty-six (86) PSG sampling devices were installed in the right-of-ways of existing streets throughout the site. Spacing between sampling points was maintained at approximately 50 feet, where possible. In addition, seven (7) PSG sampling devices were installed along the fence-line of the Delfasco Forge property. Analytical results from the PSG samples detected chlorinated volatile organic compounds twenty (20) of the samplers. The results of the PSG sampling indicate migration of chlorinated volatile organic compounds from the contaminated groundwater to the surface soil via soil gas is occurring. As a result, there is a potential for vapor intrusion of volatile organic compounds into homes and businesses located above the groundwater plume with the highest contamination. Based on these data, it is estimated that no more than 25 homes and businesses could potentially be impacted by vapor intrusion resulting from the groundwater contamination.

Based on the data presented in this SI report, this site does not meet all the criteria necessary for listing on the NPL under the federal Superfund program. It is recommended that the site be deferred to EPA RCRA and the State of Texas. The State of Texas may wish to conduct additional investigations under the State Superfund program administered by the TCEQ. Accordingly the site will be given the designation of "No Further Remedial Action Planned" (NFRAP). This designation does not preclude future federal involvement with the site should site conditions change or a request be made by the State.

APPROVALS:

Report Reviewed by:	<u>Bret Kendrick</u> (Site Assessment Manager)	Signature:	<u></u>	Date:	<u>07/27/09</u>
Disposition Approved by:	<u>John Meyer</u> (Section Chief 6SF-TR)	Signature:	<u></u>	Date:	<u>7/29/09</u>